

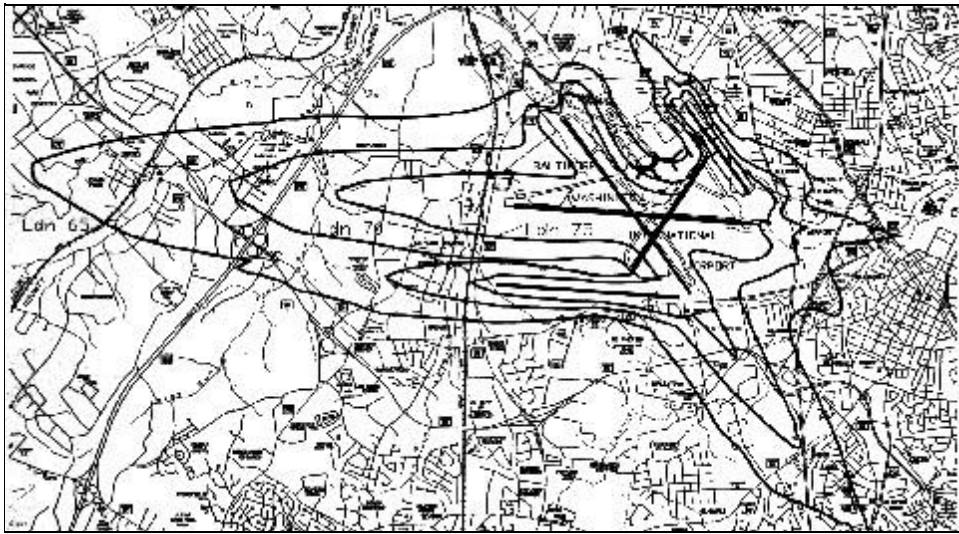
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**MARYLAND AVIATION ADMINISTRATION  
CAPITAL PROGRAM SUMMARY  
(\$ MILLIONS)**

	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>SIX-YEAR TOTAL</u>
<b><u>Construction Program</u></b>							
Major Projects	69.3	272.5	334.0	190.9	58.8	8.1	933.6
System Preservation Minor Projects	41.2	44.4	47.5	40.0	36.8	38.0	247.9
<b><u>Development &amp; Evaluation Program</u></b>	<u>3.7</u>	<u>10.8</u>	<u>5.8</u>	<u>0.9</u>	<u>-</u>	<u>-</u>	<u>21.2</u>
<b>SUBTOTAL</b>	114.2	327.7	387.3	231.8	95.6	46.1	1,202.7
<b><u>Capital Salaries, Wages &amp; Other Costs</u></b>	<u>4.5</u>	<u>4.9</u>	<u>5.1</u>	<u>5.2</u>	<u>5.5</u>	<u>5.6</u>	<u>30.8</u>
<b>TOTAL</b>	118.7	332.6	392.4	237.0	101.1	51.7	1,233.5
<b>Special Funds</b>	83.8	115.5	81.9	43.2	38.2	40.9	403.5
<b>Federal Funds</b>	12.0	41.0	43.4	12.0	10.5	10.8	129.7
<b>Other Funding*</b>	22.9	176.1	267.1	181.8	52.4	-	700.3

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\* Other funding includes (Maryland Transportation Authority (MdTA) bond financing; Passenger Facility Charges (PFC's); Certificates of Participation (COPs); Customer Facility Charges (CFC's) and Maryland Army National Guard/Department of Defense (MANG/DOD) funds. These funds are included in the total.



**STATUS:** MAA has acquired 222 properties through FY 2000, and land acquisition is continuing.

**PROJECT:** Noise Zone Land Acquisition Program

**DESCRIPTION:** This program promotes compatible land use around BWI, the State's only domestic and international air carrier facility, through purchase of residential properties offered voluntarily for sale by owners within designated high noise areas.

**JUSTIFICATION:** The Maryland Environmental Noise Act requires the MAA to minimize the impact of aircraft related noise on people living near BWI. The purpose of this program is to purchase, at fair market value, the most severely impacted residential properties within the BWI Airport Noise Zone, consistent with local zoning.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA  
☐ Grandfathered  
☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

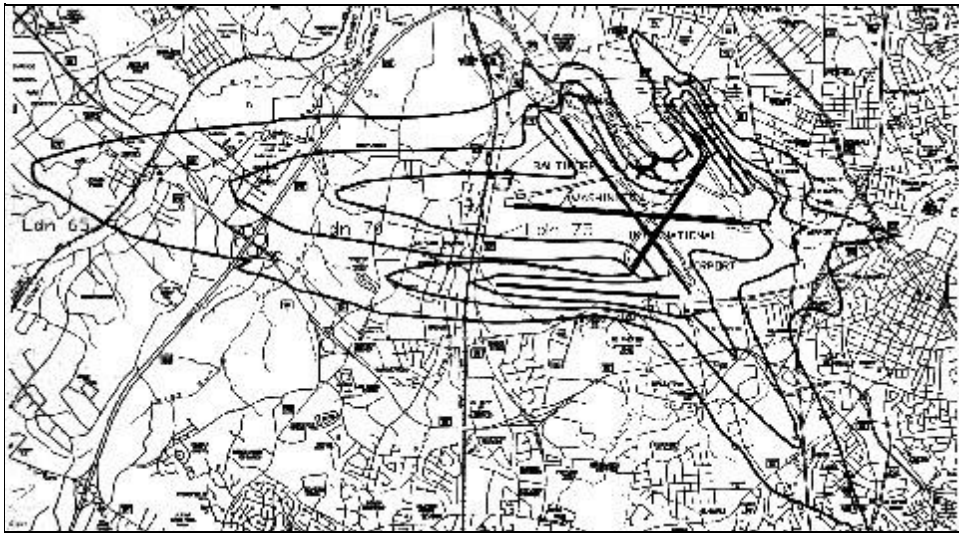
**ASSOCIATED IMPROVEMENTS:**

Homeowner Assistance Program  
Relocation of Ridgewood Mobile Home Park

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:										
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				SPECIAL	FEDERAL	GENERAL	OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	32,219	30,520	574	375	375	375	0	0	1,699	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	32,219	30,520	574	375	375	375	0	0	1,699	0
Federal-Aid	24,248	22,889	459	300	300	300	0	0	1,359	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
RW	2001	AIP	759
RW	2002	AIP	300
RW	2003	AIP	300



**STATUS:** Full scale program began in FY 1991. MAA has participated in the soundproofing of 420 properties and sales assistance for 112 homes.

**PROJECT:** Homeowner Assistance Program

**DESCRIPTION:** This voluntary program provides for the mitigation of aircraft noise and improvement of land-use compatibility around BWI. Homeowners may elect to either sell their home, with the State ensuring a fair market value, or have their house soundproofed to reduce interior noise levels. The State receives an aviation easement for each participating property.

**JUSTIFICATION:** This program enhances the environment of neighboring communities by providing noise mitigation for homeowners residing within the BWI Airport Noise Zone starting with the most severely impacted communities.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA  
☐ Grandfathered  
☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

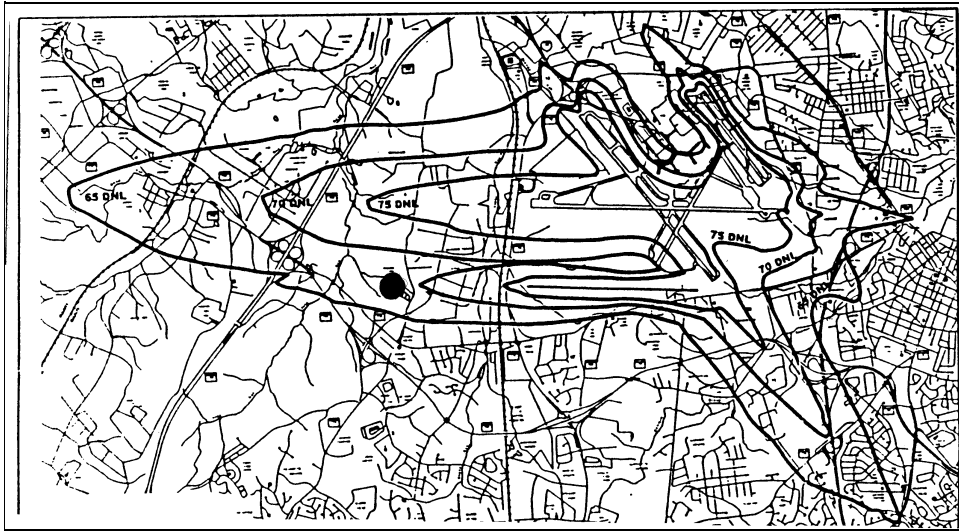
**ASSOCIATED IMPROVEMENTS:**

Noise Zone Land Acquisition Program  
Relocation of Ridgewood Mobile Home Park

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:					<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	251	231	0	0	0	10	10	0	20	0
Right-of-way	26,879	13,673	1,920	1,920	1,920	1,920	1,920	1,803	11,403	1,803
Construction	0	0	0	0	0	0	0	0	0	0
Total	27,130	13,904	1,920	1,920	1,920	1,930	1,930	1,803	11,423	1,803
Federal-Aid	17,798	8,286	1,376	1,376	1,376	1,376	1,376	1,316	8,196	1,316

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
RW	2001	AIP	1,376
RW	2002	AIP	1,376
RW	2003	AIP	1,376
RW	2004	AIP	1,376
RW	2005	AIP	1,376
RW	2006	AIP	2,632



**STATUS:** Property acquired. Relocation activities completed. Property to be fenced and secured.

**PROJECT:** Relocation of Ridgewood Mobile Home Park

**DESCRIPTION:** This project provides for the relocation of residents in the Ridgewood Mobile Home Park to promote compatible land-use around BWI.

**JUSTIFICATION:** The Maryland Environmental Noise Act requires MAA to minimize the impact of aircraft related noise on people living near BWI. Relocation of residents of the mobile home park is necessary because noise abatement procedures, such as soundproofing, cannot be achieved in the mobile homes.

**SMART GROWTH STATUS**

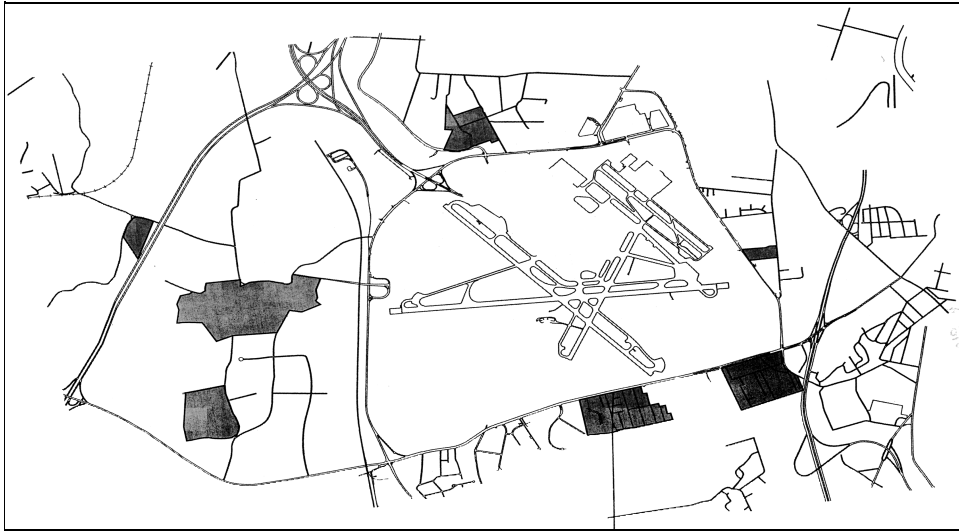
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☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Noise Zone Land Acquisition Program  
Homeowner Assistance Program

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	671	671	0	0	0	0	0	0	0	0
Right-of-way	10,325	10,234	91	0	0	0	0	0	91	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	10,996	10,905	91	0	0	0	0	0	91	0
Federal-Aid	6,467	6,398	69	0	0	0	0	0	69	0



**STATUS:** Acquisition underway.

**PROJECT:** Protective Land Acquisition Program

**DESCRIPTION:** This program provides for the purchase of property in the immediate vicinity of the BWI and/or Martin State (MTN) airports to ensure its availability in future years for potential aviation purposes.

**JUSTIFICATION:** This multi-year program would provide the opportunity to protect property under the threat of development for future airport-related facilities, environmental requirements, and to ensure compatible land-use around the airports.

**SMART GROWTH STATUS**

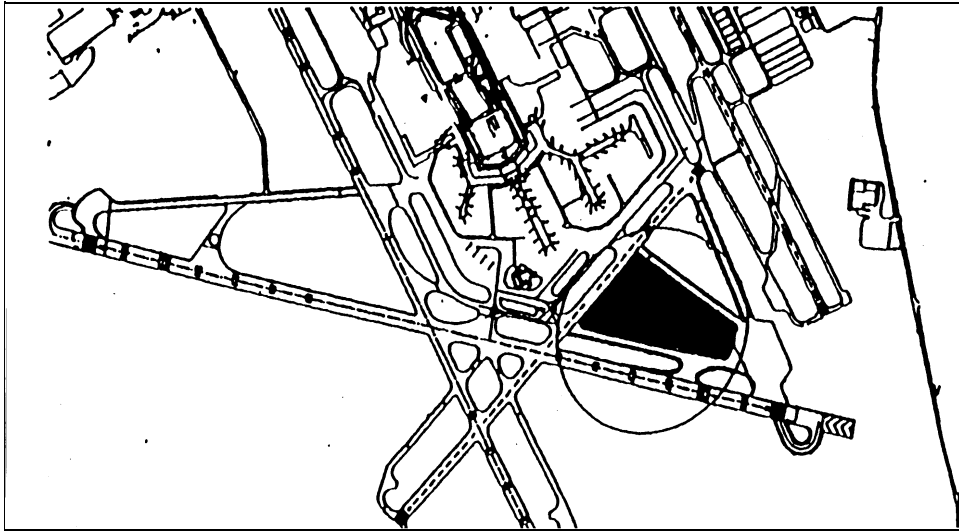
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☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:										
					<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	41,500	0	1,365	3,223	3,348	3,997	4,498	6,275	22,706	18,794
Construction	0	0	0	0	0	0	0	0	0	0
Total	41,500	0	1,365	3,223	3,348	3,997	4,498	6,275	22,706	18,794
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Complete.

**PROJECT:** Runway 28 Remote Aircraft Parking/Deicing Ramp at BWI Airport

**DESCRIPTION:** This project provides for construction of a remote aircraft parking/deicing ramp north of Runway 28, deicing fluid transmission lines and tanks, for deicing aircraft during inclement weather in an environmentally acceptable manner. The ramp will also be used for both aircraft overnight parking and temporary parking of aircraft awaiting gate availability.

**JUSTIFICATION:** The facility continues the phased implementation of a program to improve safety and environmental concerns regarding the discharge of deicing fluids. The facility will also provide waiting aircraft with sufficient holding and parking areas to reduce aircraft flight delays. Since 1994, two other remote parking ramps have been opened adjacent to runways, as well as trench drain upgrade and purchase of deicing vehicles to improve collection of deicing fluids. Continued and projected operating requirements necessitate development of this ramp.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:										
					<input type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	850	850	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	11,473	11,409	64	0	0	0	0	0	64	0
Total	12,323	12,259	64	0	0	0	0	0	64	0
Federal-Aid	5,774	5,650	124	0	0	0	0	0	124	0

\* The other funding source is from Certificates of Participation bonds.



**STATUS:** Construction underway.

**PROJECT:** Concourse D Rehabilitation at BWI Airport

**DESCRIPTION:** This project provides for renovations to Concourse D. Improvements will include fire protection upgrades, new carpeting and wall treatments, lighting upgrades, new HVAC chiller plant and air handling units, roof replacement, skylights, and other electrical and mechanical upgrades.

**JUSTIFICATION:** Renovations are necessary to meet current fire code requirements and to replace building systems/components that have reached their useful life. Portions of this pier have not been upgraded since having been reconstructed eighteen years ago. Architectural improvements will be concentrated in the oldest part of Concourse D.

**SMART GROWTH STATUS**

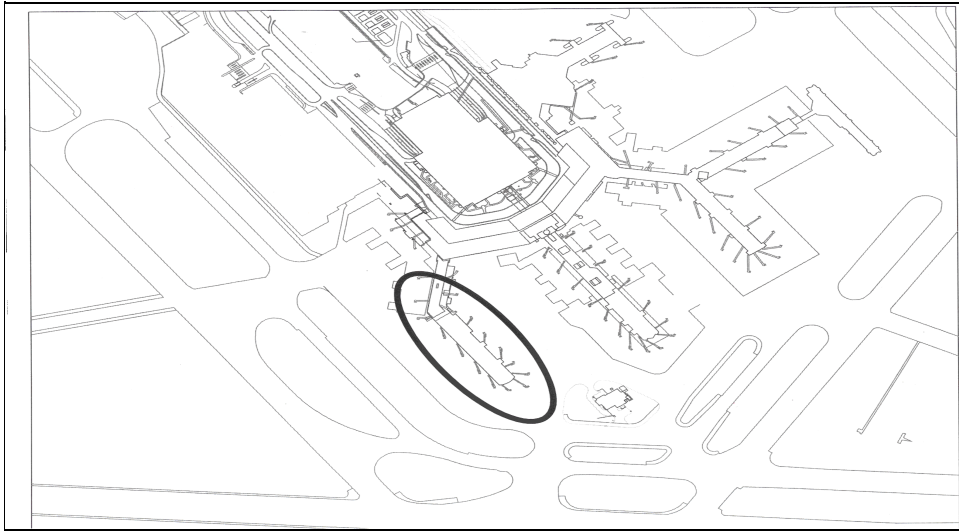
- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Concourse B Terminal Extension at BWI  
 Concourse A Terminal Expansion at BWI

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	....2003....	....2004....	....2005....	....2006....	0	0
Engineering	1,300	1,300	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	16,216	12,314	3,724	178	0	0	0	0	3,902	0
Total	17,516	13,614	3,724	178	0	0	0	0	3,902	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** New 10-gate pier extension opened June 2000. Current activity involves the relocation of displaced airlines.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Existing Concourse A renovations and one-gate extension are deleted from this project. Work to be incorporated into new Concourse A Terminal Expansion project. \$46.9 million moved to new Concourse A Terminal Expansion project.

**PROJECT:** Concourse B Terminal Extension at BWI Airport

**DESCRIPTION:** This project provides for a 10-gate expansion of Concourse B, including new aircraft ramps, taxiway modifications, passenger holdrooms and services, and airline operations space.

**JUSTIFICATION:** Expansion of Concourse B is necessary to accommodate expansion of domestic flight operations and the resultant facility demands.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Rehabilitation of Concourse D at BWI Airport  
 Concourse A Terminal Expansion at BWI Airport  
 Installation of Moving Walkways and Escalators at BWI Airport

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,214	5,214	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	43,146	30,857	12,074	215	0	0	0	0	12,289	0
Total	48,360	36,071	12,074	215	0	0	0	0	12,289	0
Federal-Aid	2,714	1,915	799	0	0	0	0	0	799	0

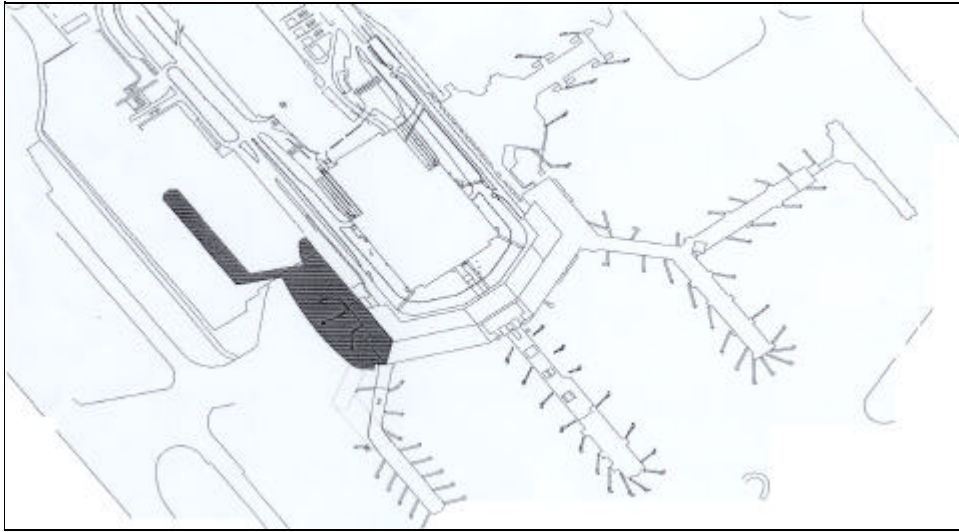
**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating cost will be recovered through airport user fees.

\*Project partially funded from Certificates of Participation bonds.

1008





**STATUS:** Construction to start in FY 2001. Concourse B renovations to be underway in FY 2002.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** New Project. Concourse A/B Modifications and Expansion project in last year's FY 2000 - 2005 CTP had included renovations and a one-gate expansion on Concourse A (\$ 46.9 million.)

**PROJECT:** New Concourse A Terminal Expansion at BWI Airport

**DESCRIPTION:** This project provides for the construction of a new 16-gate Concourse A. Project includes demolition of the existing 3-gates on Concourse A, construction of a new ticketing concourse, security, and concession area, 16 new passenger gates and holdrooms, baggage claim areas on the lower level, and airline operations and support areas.

**JUSTIFICATION:** Expansion of Concourse A is necessary to accommodate the continued expansion of domestic air service.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

15R Parallel Taxiway and Aircraft Parking Ramp at BWI Airport  
 Concourse B Extension at BWI Airport  
 Central Utility Plant Expansion and Upgrade of Electrical Substations at BWI Airport  
 Installation of Moving Walkways and Escalators at BWI Airport

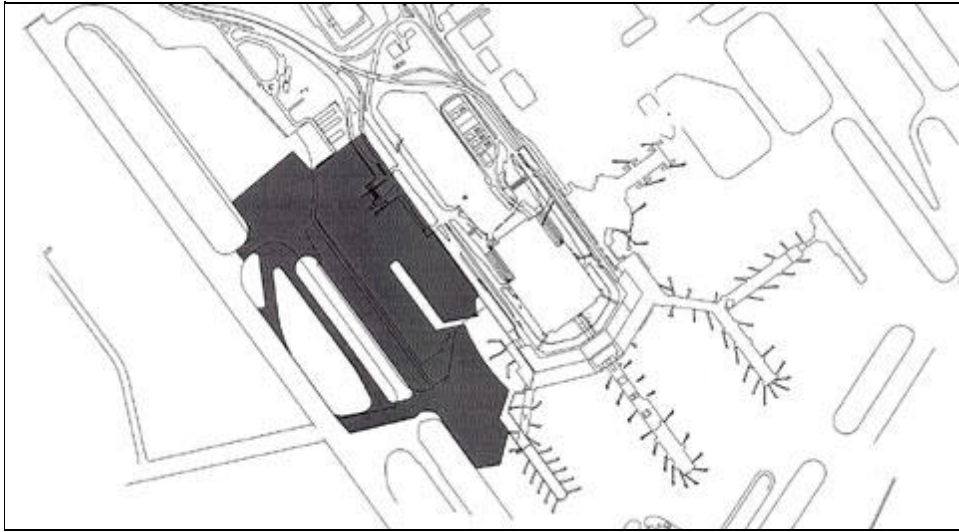
POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	175,464	0	0	43,816	87,665	43,983	0	0	175,464	0
Total	175,464	0	0	43,816	87,665	43,983	0	0	175,464	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

Other funding is Maryland Economic Development Corporation (MEDCO).

1120

**USAGE:** Accommodate projected 160 daily flights.

**OPERATING COST IMPACT:** Operating cost will be recovered through airport user fees.



**STATUS:** Project design underway. Construction start in FY 2001.

**PROJECT:** 15R Parallel Taxiway and Aircraft Parking Ramp at BWI Airport

**DESCRIPTION:** This project provides for the design of approximately 1,500 feet of taxiway parallel to Runway 15R. The project also provides for the new aircraft parking ramp adjacent to the new taxiway and immediately north of Pier A. The new ramp will be able to accommodate the new 16 gate Concourse A and will be fitted with a deicing collection system.

**JUSTIFICATION:** Passenger levels are projected to increase 50% by 2010 with aircraft flights and movements to increase proportionately. This project is the final segment to complete a two-way taxiway flow to the Runway 15R holdblock and threshold. This will improve airport capacity by providing dual aircraft flow to the runway threshold, thereby allowing alternative routing and sorting of departing aircraft. The new ramp will provide sufficient aircraft ramp and parking positions to facilitate the Concourse A terminal expansion.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

New Concourse A Terminal Expansion at BWI Airport

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Moved from the Development & Evaluation Program to the Construction Program.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,184	0	2,341	843	0	0	0	0	3,184	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	50,140	0	3,625	18,562	27,953	0	0	0	50,140	0
Total	53,324	0	5,966	19,405	27,953	0	0	0	53,324	0
Federal-Aid	38,112	0	3,765	13,811	20,536	0	0	0	38,112	0

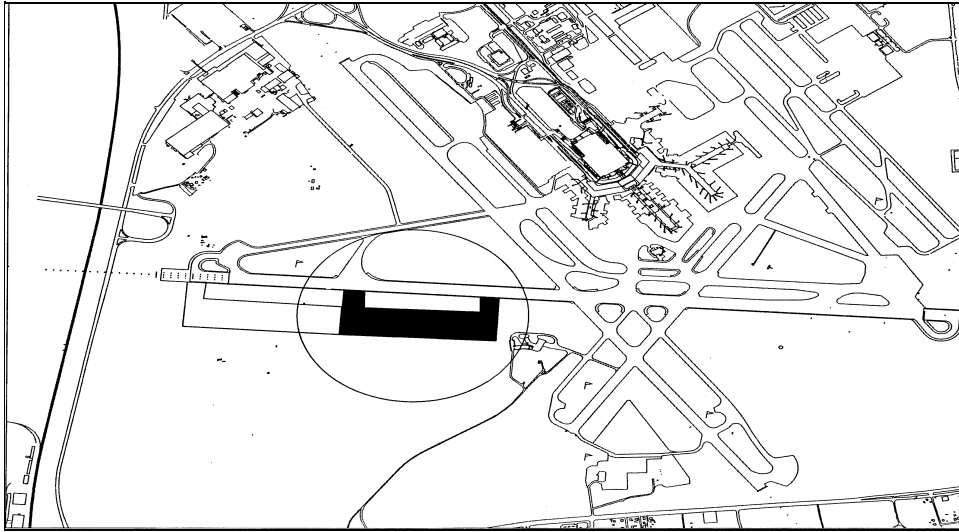
Other Funding is Revenue Bonds supported by a Passenger Facility Charge (PFC).

1117

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
PE	2001	AIP	1,636
CO	2001	AIP	36,476

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating cost will be recovered through airport user fees.



**STATUS:** Infrastructure construction complete. Private developer construction of first hangar underway.

**PROJECT:** Midfield Cargo Complex at BWI Airport, Phase I - Infrastructure Improvements

**DESCRIPTION:** This project provides for the design and construction of infrastructure for a new air cargo complex south of Runway 10-28. The project includes: site preparation for up to four cargo buildings, access roadway, utilities, and taxiway construction for access to two (2) of the four (4) potential buildings. Buildings will be developed by private developers.

**JUSTIFICATION:** The Airport Master Plan identifies the need for additional air cargo capacity. These buildings will allow for the continual expansion of BWI's domestic and international air cargo services. The existing air cargo space is not sufficient to meet current and projected demand. This facility would contribute to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**  
BWI Midfield Cargo Complex, Phase II

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

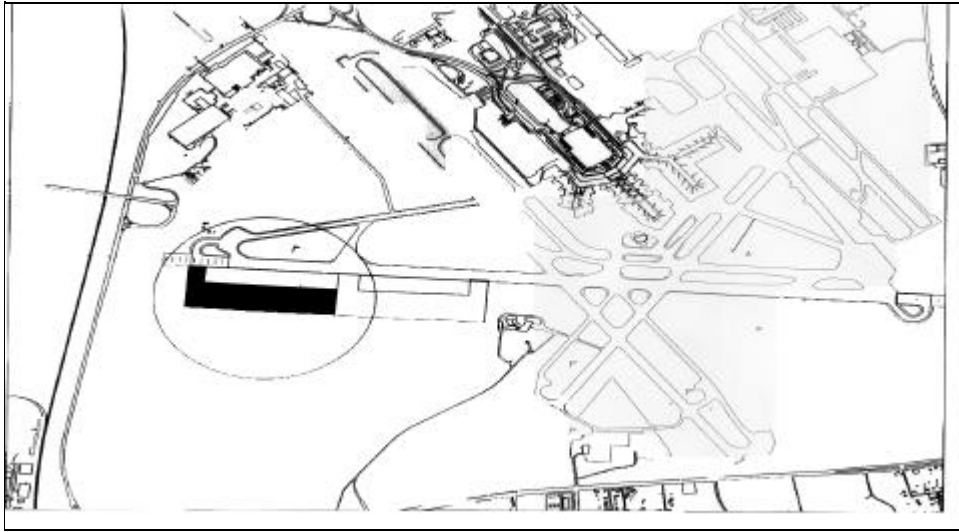
POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	402	402	0	0	0	0	0	0	0	0
Engineering	2,525	2,506	19	0	0	0	0	0	19	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	17,516	16,769	747	0	0	0	0	0	747	0
Total	20,443	19,677	766	0	0	0	0	0	766	0
Federal-Aid	4,038	3,749	289	0	0	0	0	0	289	0

**USAGE:** Up to 358,000 square feet of additional cargo and office/support space to be provided.

**OPERATING COST IMPACT:** Operating costs will be recovered through airport user fees.

\*\$11.5 million developer contribution for use of State-owned Buildings B, C and F included in FY 2000 capital program revenue.

1004



**STATUS:** Cargo support areas opened for temporary vehicle parking.

**PROJECT:** Midfield Cargo Complex at BWI Airport, Phase II - Cargo Support Area & Airfield Improvements

**DESCRIPTION:** This project provides for the design and construction for the airfield improvements and cargo support areas to support the Phase II development of the air cargo complex south of Runway 10/28. The project includes the paving, and installation of airfield lighting, markings, and signing for the taxiways to access the final two building sites in the complex. The building will be developed by a private developer. The project also includes the construction of designated cargo support areas in the midfield complex. These areas will be temporarily used for tenant vehicle parking until a new Tenant Parking Facility is completed.

**JUSTIFICATION:** Consistent with the need identified in the Airport Master Plan for additional air cargo capacity, this project will allow for the phased development of the Midfield Cargo Complex. This project will provide for the continued expansion of BWI's domestic and international air cargo services, and contribute to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

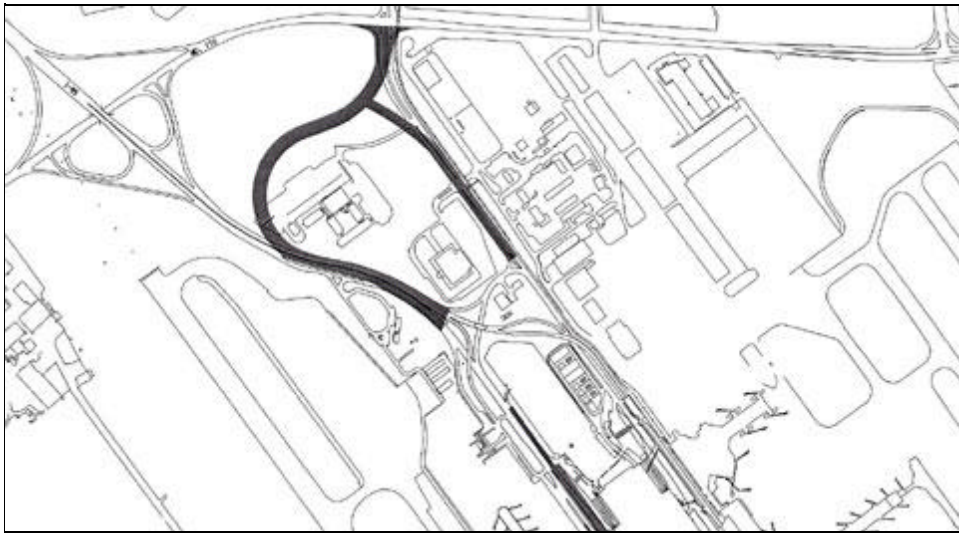
BWI Midfield Cargo Complex, Phase I  
New Tenant Parking Facility

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Construction start advanced from FY 2001 to FY 2000.

POTENTIAL FUNDING SOURCE:										
					<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	800	0	592	208	0	0	0	0	800	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	9,600	2,675	6,113	567	245	0	0	0	6,925	0
Total	10,400	2,675	6,705	775	245	0	0	0	7,725	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Cargo support airfield access for up to 358,000 sq. ft. of hangar/office space.

**OPERATING COST IMPACT:** Operating costs will be recovered thru airport user fees.



**STATUS:** Construction to begin FY 2001.

**PROJECT:** Terminal Entrance Roadway Improvements, Phase I -- Upper Level Roadway Extension and Terminal Access/Return Roadway at BWI Airport

**DESCRIPTION:** This project provides for the construction of a 700 foot extension of the upper level curbside and roadway at Concourse A. The project involves demolition of the existing roadway ramp, extension of the upper level curbside and roadway, construction of a new terminal access/return roadway and reconfiguration of the access roadway traffic markings/signalling.

**JUSTIFICATION:** To address projected upper level roadway capacity and curbside space requirements at the terminal. The project will also help relieve traffic congestion and contribute to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Terminal Entrance Roadway Improvements, Phase II  
 New Concourse A Terminal Expansion at BWI Airport  
 Concourse B Terminal Extension at BWI Airport

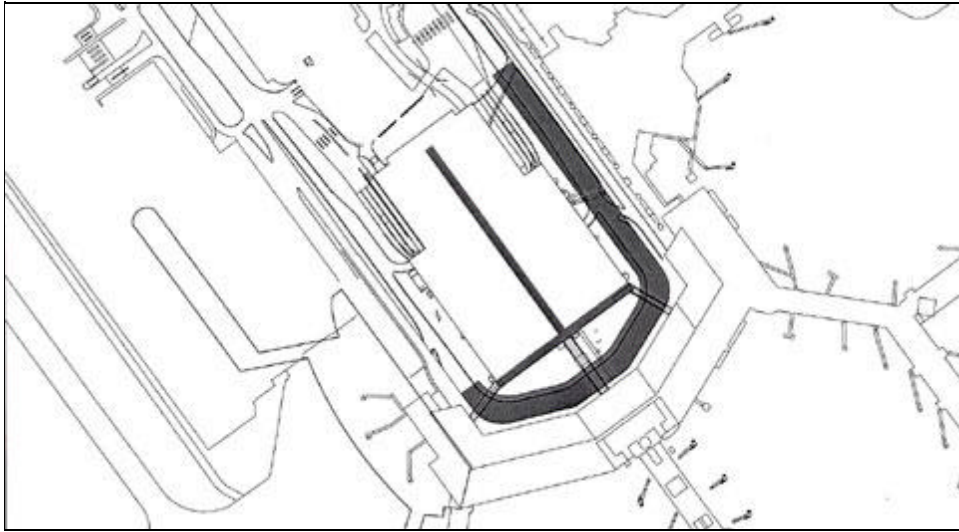
**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Cost increased \$17.7 million due to new terminal access/return roadway added to project.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,454	1,417	2,037	0	0	0	0	0	2,037	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	46,336	0	9,414	27,994	8,928	0	0	0	46,336	0
Total	49,790	1,417	11,451	27,994	8,928	0	0	0	48,373	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** None.

\* Other funding is Revenue bonds supported by a Passenger Facility Charge (PFC).



**STATUS:** Project engineering underway. Construction projected to start in late FY 2001.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Moved from the Development & Evaluation Program to the Construction Program.

**PROJECT:** Terminal Entrance Roadway Improvements, Phase II, Upper Level Commercial Roadway Widening and Pedestrian Overpasses at BWI Airport

**DESCRIPTION:** The project includes new enclosed, elevated pedestrian bridge skywalks with moving walkways from the existing garage to the terminal building at Concourse A, B, and D over the upper level roadway, and moving walkways in the existing parking garage to enhance circulation. The project also widens the upper level roadway to add two new lanes for use by commercial and airport shuttle vehicles.

**JUSTIFICATION:** This project is necessary to address projected upper level roadway capacity requirements. The project will also help relieve traffic congestion and contributes to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA  
☐ Grandfathered  
☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Terminal Entrance Roadway Improvements, Phase I  
 Central Utility Plant Expansion and Upgrade of Electrical Substation at BWI Airport  
 New Concourse A Terminal Expansion at BWI Airport  
 Concourse B Terminal Extension at BWI Airport

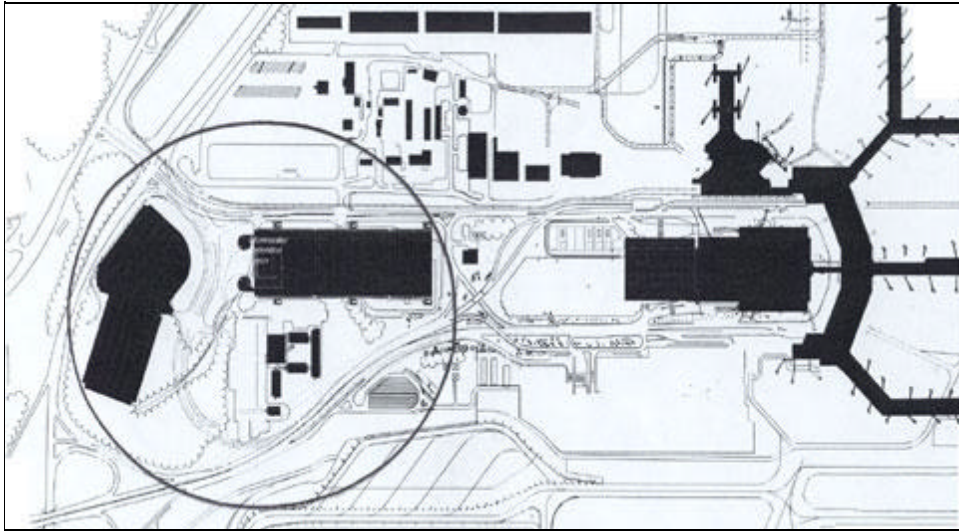
POTENTIAL FUNDING SOURCE:										
					<input type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	11,716	0	1,881	4,797	5,038	0	0	0	11,716	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	160,305	0	0	22,947	31,972	53,821	51,565	0	160,305	0
Total	172,021	0	1,881	27,744	37,010	53,821	51,565	0	172,021	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating cost will be recovered through airport user fees.

\* Other funding is Revenue bonds supported by a Passenger Facility Charge (PFC).





**STATUS:** Project engineering underway. Construction of surface lot projected to be underway in Spring with parking structure to be underway in late FY 2001.

**PROJECT:** New Elm Road Public Parking Structure and Surface Lot at BWI Airport

**DESCRIPTION:** This project provides for construction of an 8,400 space multi-level parking structure off Elm Road including entrance and exit ramps, revenue control plazas, elevators, and parking way finding technology. The location of the new parking structure will require the relocation of the Maryland Department of Transportation's Headquarters building. The project also includes construction of a 1,400 space surface lot at Elm Road and Aviation Boulevard, including a revenue control plaza, access/egress provisions, and shelters.

**JUSTIFICATION:** Public parking demand at BWI is projected to increase 60% by the year 2010. Provision of adequate parking near the terminal is critical for meeting business and other travelers' needs. This project will also provide needed capacity to replace parking capacity impacted by terminal expansion and airfield improvements. This project contributes to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Terminal Garage Expansion, Phase II at BWI Airport

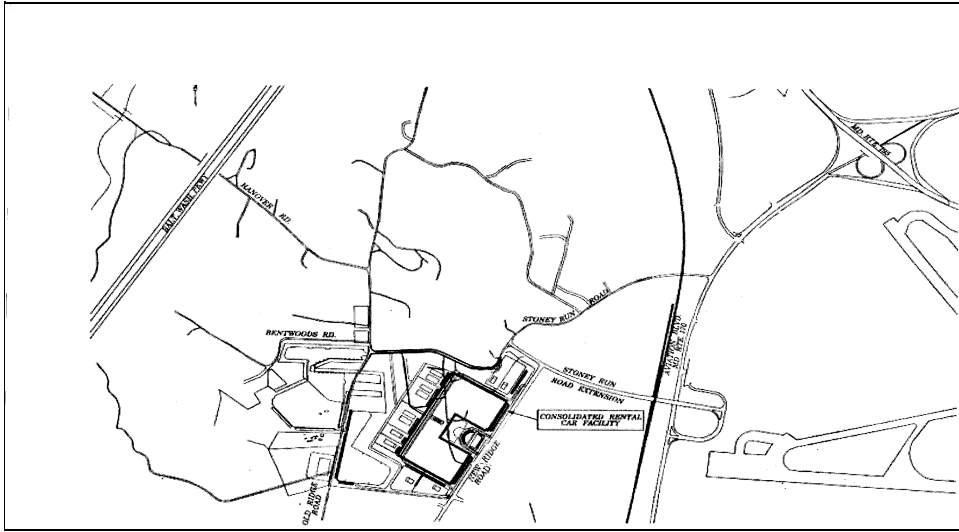
**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Moved from the Development & Evaluation Program to the Construction Program.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,065	418	1,123	1,292	1,232	0	0	0	3,647	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	186,085	0	875	53,398	66,568	65,244	0	0	186,085	0
Total	190,150	418	1,998	54,690	67,800	65,244	0	0	189,732	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating cost will be recovered thru airport parking fees.

Other funding is Maryland Transportation Authority Bond Financing.



**STATUS:** Project engineering and land acquisition underway. Construction to start in FY 2002.

**PROJECT:** Consolidated Rental Car Facility at BWI Airport

**DESCRIPTION:** This project provides for a new rental car facility located immediately west of the airport off Stoney Run Road. This site will consolidate rental car activities providing customer service facilities, an expanded area for vehicle ready/return, vehicle service and maintenance facilities, and vehicle storage areas. Shuttle bus service will be provided to the terminal.

**JUSTIFICATION:** Rental car facilities at BWI are reaching capacity and cannot accommodate projected passenger demand. The limited existing ready/return, maintenance and storage facilities are causing a high level of inefficient operations and customer delay. New consolidated facilities at a remote site will provide adequate space for immediate and future growth, and contribute to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

New Tenant Parking Facility

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Moved from the Development & Evaluation Program to the Construction Program.

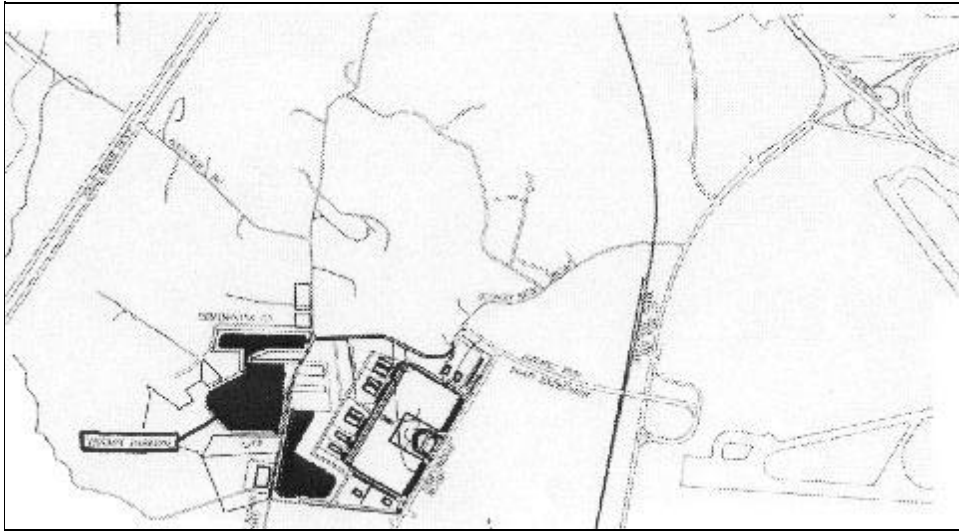
POTENTIAL FUNDING SOURCE:										
					<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,337	596	1,530	3,211	0	0	0	0	4,741	0
Right-of-way	7,339	2,119	5,220	0	0	0	0	0	5,220	0
Construction	118,064	0	5,396	29,980	66,457	16,231	0	0	118,064	0
Total	130,740	2,715	12,146	33,191	66,457	16,231	0	0	128,025	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating cost will be recovered thru rental car user fee.

\* Project primarily funded by Revenue bonds supported by a Customer Facility Charge (CFC).





**STATUS:** Project land acquisition complete and engineering underway. Construction to begin in late FY 2001.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Cost increased by \$3.2M to reflect the need to relocate a portion of the tenant parking facility to an adjacent site as a result of requirements of the Consolidated Rental Car Facility. Tenant parking facility originally planned to share rental car site. Additional earth work and property acquisition contributed to cost increase.

**PROJECT:** New Tenant Parking Facility

**DESCRIPTION:** This project provides for a 3,000 space tenant employee parking facility located off Stoney Run Road, and Old Ridge Road immediately west of BWI and adjacent to the new Consolidated Rental Car Facility (CRCF). This site allows for future expansion of tenant parking as needed. Shuttle bus service will provide access to the terminal.

**JUSTIFICATION:** The project is required to accommodate the increase in parking for airline and tenant employees as a result of the introduction of new and expanded airline service at BWI. The existing tenant parking facility has been converted to public parking with tenant parking relocated on an interim basis to the Midfield Cargo Complex cargo support areas. This project contributes to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

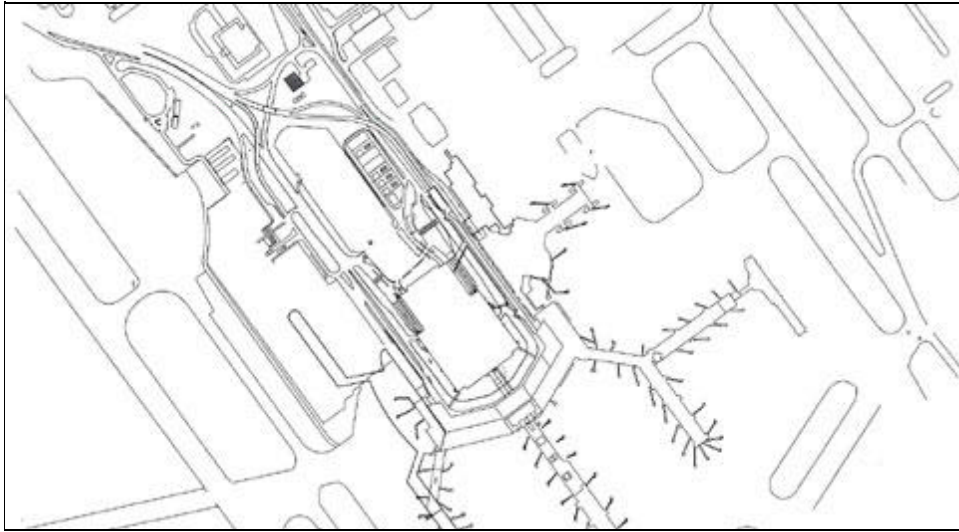
Consolidated Rental Car Facility  
Midfield Cargo Complex, Phase II

**POTENTIAL FUNDING SOURCE:** ☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,319	176	1,143	0	0	0	0	0	1,143	0
Right-of-way	953	953	0	0	0	0	0	0	0	0
Construction	10,243	0	0	10,243	0	0	0	0	10,243	0
Total	12,515	1,129	1,143	10,243	0	0	0	0	11,386	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating costs will be recovered thru airport tenant fees.



**STATUS:** Begin design in FY 2001 with construction start in FY 2002.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** New Project.

**PROJECT:** Central Utility Plant Expansion and Upgrade of Electrical Substation at BWI Airport

**DESCRIPTION:** This project provides the further expansion of the Central Utility Plant cooling and heating capacity, and the upgrade of the north and south electrical substation, which are the two main electrical feeders for the airport.

**JUSTIFICATION:** Airport facility expansion requires additional heating/cooling and electrical capacity. Additional capacity will be required for the new air conditioned pedestrian overpasses and walkways, terminal building expansion, and increased loads due to increasing facility demand resulting from growth.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

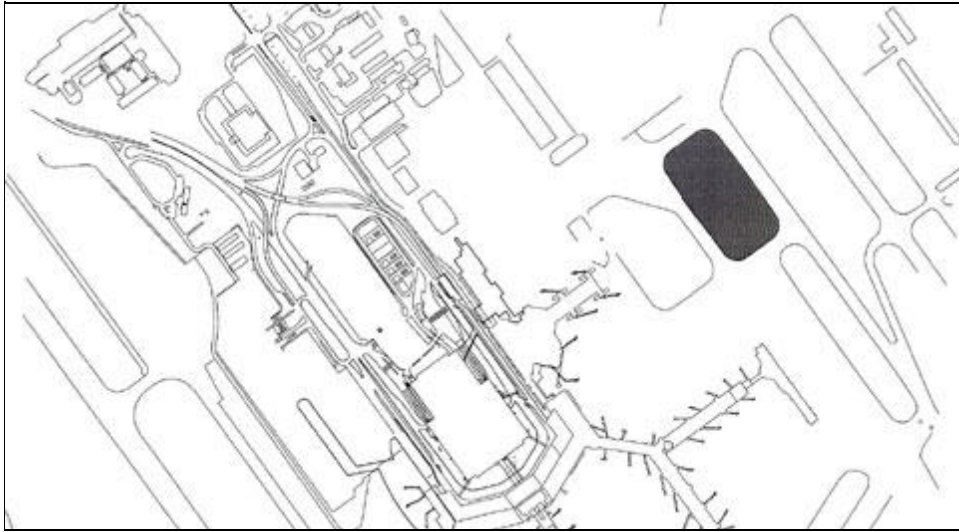
Terminal Roadway Improvements, Phase II at BWI  
 New Concourse A Terminal Expansion at BWI Airport  
 Concourse B Terminal Extension at BWI Airport

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,552	0	934	618	0	0	0	0	1,552	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	26,535	0	0	16,575	9,960	0	0	0	26,535	0
Total	28,087	0	934	17,193	9,960	0	0	0	28,087	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating cost will be recovered through airport user fees.

Other funding is Maryland Transportation Authority bond financing.



**STATUS:** Design to start in FY 2001 with construction underway in FY 2002.

**PROJECT:** Remote Aircraft Parking at BWI Airport

**DESCRIPTION:** This project provides for the construction of a new remote aircraft parking ramp to accommodate up to 4 aircraft. The new ramp, easily accessible for the air cargo complex and the north terminal, will be located east of the International Terminal and west of Runway 15L.

**JUSTIFICATION:** Demand for overnight parking of aircraft has surpassed availability. All gates at the terminal are currently occupied overnight with increasing numbers of aircraft parking in more distant and inconvenient runway holdblocks which disrupts airfield operations. Overnight aircraft parking is critical for airline scheduling and securing new flights and contributes to the State's business and economic development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA  
☐ Grandfathered  
☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** New Project.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	242	0	242	0	0	0	0	0	242	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	2,562	0	0	2,562	0	0	0	0	2,562	0
Total	2,804	0	242	2,562	0	0	0	0	2,804	0
Federal-Aid	2,104	0	182	1,922	0	0	0	0	2,104	0

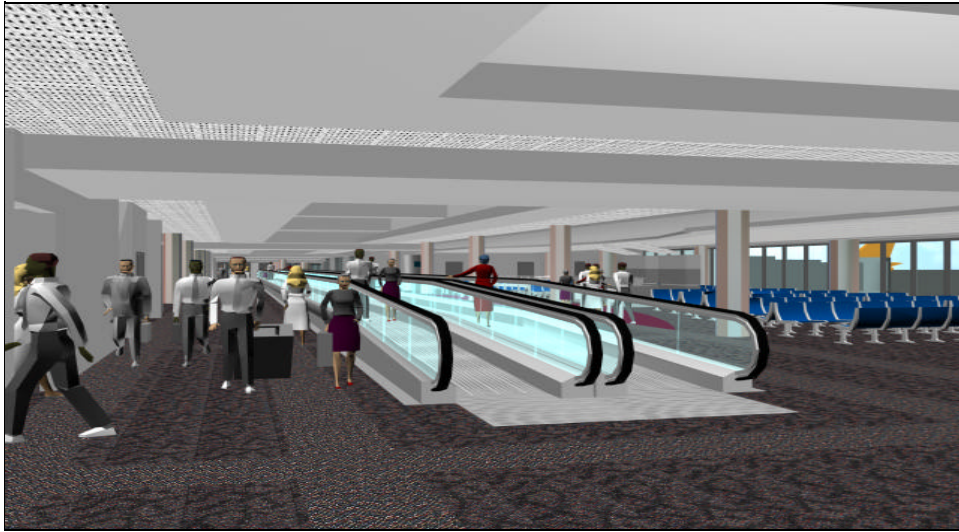
Other Funding is Revenue Bonds supported by a Passenger Facility Charge (PFC).

1129

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
PE	2002	AIP	182
CO	2002	AIP	1,922

**USAGE:** Accommodate projected increase of over 50% in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating costs will be recovered thru airport user fees.



**STATUS:** First phase of construction underway in FY 2001.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** New Project. Previously part of the associated improvement projects.

**PROJECT:** Installation of Moving Walkways and Escalators at BWI Airport

**DESCRIPTION:** This project involves the installation of 27 bi-directional moving walkways for Concourses A and B, the existing parking garage, and four skywalks. Work involves reconstruction of the floor to accommodate a trench for the moving walkway mechanisms as well as installation of the walkways.

**JUSTIFICATION:** Provision of moving walkways improves access for airport passengers and visitors especially for those carrying luggage.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

New Concourse A Terminal Expansion at BWI Airport  
 Concourse B Terminal Extension at BWI Airport  
 Terminal Roadway Improvements, Phase II, Pedestrian Bridge and Upper Level Roadway Widening  
 Terminal Parking Garage Expansion, Phase II, at BWI Airport

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	456	0	152	203	101	0	0	0	456	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	14,002	0	467	3,519	5,680	3,532	804	0	14,002	0
Total	14,458	0	619	3,722	5,781	3,532	804	0	14,458	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Accommodate projected 100% increase in passenger levels by 2010.

**OPERATING COST IMPACT:** Operating costs will be recovered through airport user fees.

Other Funding is Revenue Bonds supported by a Passenger Facility Charge (PFC).

1252



**STATUS:** Purchase to occur in FY 2002.

**PROJECT:** Purchase of New Bus Fleet For Shuttle Services at BWI Airport

**DESCRIPTION:** Purchase of seventy-five (75) compressed natural gas (CNG), low-floor buses, and fifteen (15) low-floor CNG vans for Airport shuttle bus services to/from public and employee parking facilities, BWI Rail Station, and the new consolidated rental car facility.

**JUSTIFICATION:** The current shuttle bus fleet is provided by the shuttle bus operations contractor. Maintaining a consistent and reliable fleet is becoming more difficult as the service demands increase. Purchase by the MAA of a new fleet will provide for a uniform and sufficiently sized fleet of energy-efficient vehicles which will improve reliability and reduce operating cost.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

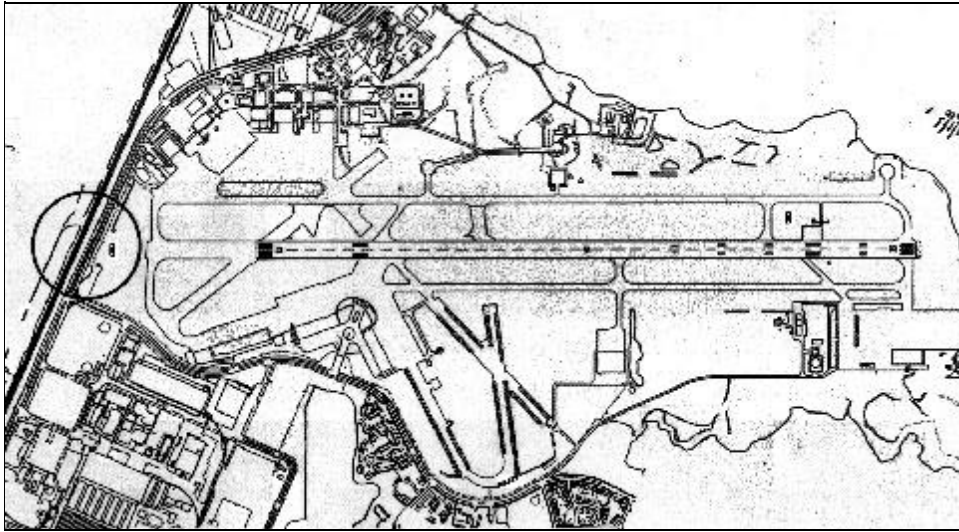
**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** New Project.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	30,030	0	0	21,135	8,895	0	0	0	30,030	0
Total	30,030	0	0	21,135	8,895	0	0	0	30,030	0
Federal-Aid	24,024	0	0	16,908	7,116	0	0	0	24,024	0

**USAGE:** Over 1,000 daily trips carrying over 4 million passengers annually.

**OPERATING COST IMPACT:** Operating costs will be recovered thru airport user fees.

The other funding source is from CMAQ funds.  
1243, 5018



**STATUS:** Lowering of Baltimore Gas and Electric Company power lines is complete. Final design for lowering the AMTRAK electrical transmission lines to be completed in FY 2001. Design and construction to be performed by AMTRAK.

**PROJECT:** Runway 15/33 Obstruction Removal at MTN State Airport

**DESCRIPTION:** This project provides for the removal of runway obstructions and regains approximately 600 feet of existing paved Runway 15/33. The existing 6,996 foot runway length would be increased to 7,600 feet for civilian aircraft and 8,100 feet for military aircraft take-offs.

**JUSTIFICATION:** This project improves runway approaches and, in turn, usable runway length to meet requirements of the airport users, including the Maryland Air National Guard (MANG).

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

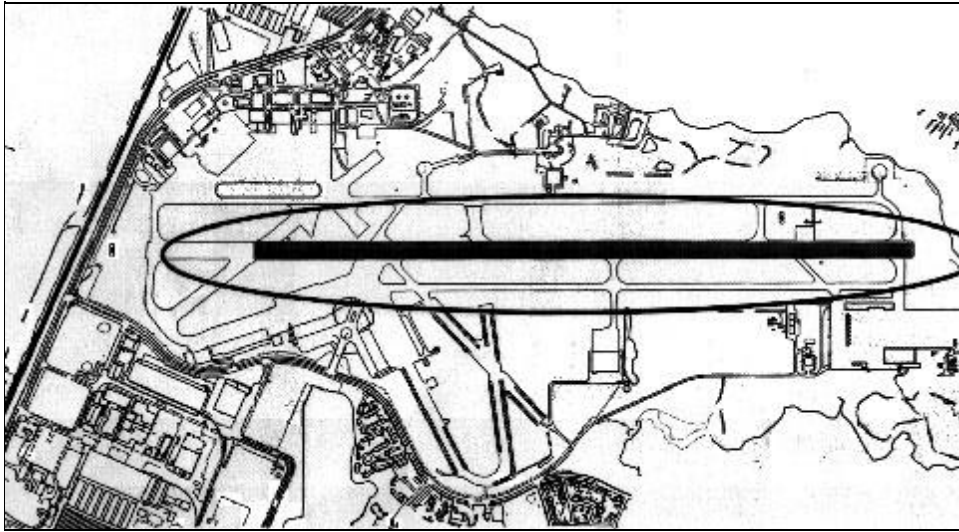
**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	110	110	0	0	0	0	0	0	0	0
Engineering	618	618	0	0	0	0	0	0	0	0
Right-of-way	1,103	1,103	0	0	0	0	0	0	0	0
Construction	5,252	752	564	2,255	1,681	0	0	0	4,500	0
Total	7,083	2,583	564	2,255	1,681	0	0	0	4,500	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

The other funding source is Maryland Air National Guard/Department of Defense (MANG/DoD) funds.

1011





**STATUS:** Design underway.

**PROJECT:** Runway 15/33 Reconstruction at Martin State Airport

**DESCRIPTION:** This project provides for the reconstruction of the runway at Martin State Airport. It includes the construction of a bypass taxiway parallel to Taxiway "F" and exit taxiways.

**JUSTIFICATION:** Reconstruction of the 50 year-old runway is needed due to continued deterioration beyond normal repairs and maintenance. The parallel taxiway will provide safe and efficient flow of aircraft between the runway and terminal areas. The additional exit taxiways will allow aircraft to exit from the runway safely and efficiently, thus reducing delays. This project is part of the Airport Master Plan improvements that contribute to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

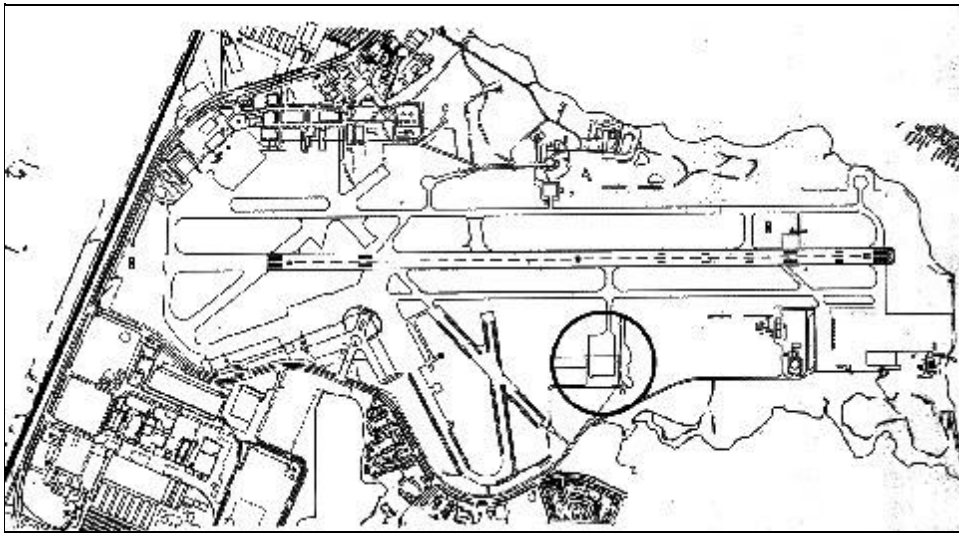
None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Construction start deferred from FY 2001 to FY 2002 due to resolution of design components with Federal Aviation Administration.

POTENTIAL FUNDING SOURCE:										
					<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	660	160	0	261	239	0	0	0	500	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	9,114	0	0	1,626	5,706	1,782	0	0	9,114	0
Total	9,774	160	0	1,887	5,945	1,782	0	0	9,614	0
Federal-Aid	8,203	0	0	1,464	5,135	1,604	0	0	8,203	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2001	AIP	7,528
CO	2002	AIP	675

\* Project schedule is contingent upon the availability of Federal Funds.



**STATUS:** Construction complete.

**PROJECT:** Martin Midfield Complex, Phase I Infrastructure For Hangar Office Complex-Martin State Airport

**DESCRIPTION:** This project provides for the project design and construction of an aircraft ramp, taxiways, access roadway and utility connections for the development of hangar and office facilities. These infrastructure improvements are the initial phase of the Midfield Cargo Complex that will accommodate additional aircraft hangars and services as future demand warrants.

**JUSTIFICATION:** Expanded hangar and office facilities are required to support expanded aircraft storage, maintenance and service operations at Martin. The existing facilities at Martin are at capacity. This project would contribute to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

New Air Traffic Control Tower for MTN Airport

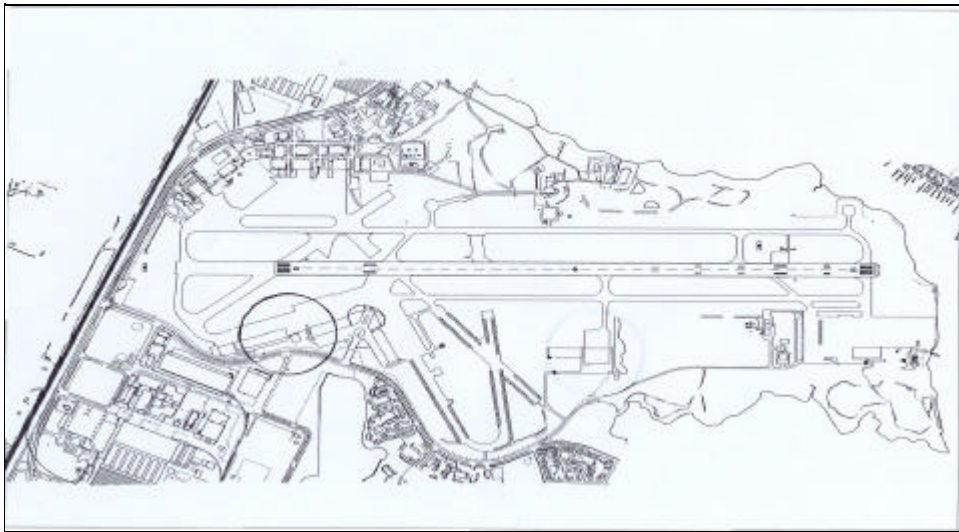
**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	90	90	0	0	0	0	0	0	0	0
Engineering	800	800	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	6,738	5,991	747	0	0	0	0	0	747	0
Total	7,628	6,881	747	0	0	0	0	0	747	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Building and infrastructure support system for up to 60,000 sq. ft. of hangar/office space.

**OPERATING COST IMPACT:** Operating cost will be recovered through airport user fees.





**STATUS:** Purchase to occur in FY 2001.

**PROJECT:** Purchase of Hangar at Martin State Airport

**DESCRIPTION:** This project involves the purchase of a 24,400 square foot aircraft hangar from a private tenant. The hangar can be leased to a single tenant with multiple aircraft or used as a community hangar with multiple aircraft tenants.

**JUSTIFICATION:** The existing owner has vacated the hangar to use a new, larger hangar constructed by the owner at MTN. Demand currently exists for additional hangar space at MTN. Purchase of the hangar will enhance airport revenues and provide improved service to airport customers. This project contributes to the State's economic and business development.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** New Project

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2003....	....2004....	....2005....	....2006....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	1,415	0	1,415	0	0	0	0	0	1,415	0	0
Total	1,415	0	1,415	0	0	0	0	0	1,415	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

**USAGE:** Existing state-owned hangar space is fully leased.

**OPERATING COST IMPACT:** Operating costs will be recovered thru airport user fees.

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND AVIATION ADMINISTRATION - LINE 25

	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2001 and Prior</u>		
	<u>Baltimore/Washington</u>		
1	Comprehensive Construction Management & Inspection - AE96-008 (1047)	799	Complete
2	Controlled Access Security System Upgrade - Domestic (1060)	2,465	Complete
3	Terminal Directories Replacement (1022)	58	Complete
4	Interim Police Facilities (1069)	1,541	Complete
5	Landside Communication and Security Upgrade Phase I (1081)	768	Complete
6	New Tenant Modifications (1072)	843	Complete
7	Pilot Program for Common Use Terminal Equipment (1111)	750	Complete
8	R/W 15L - 33R RPZ Obstruction Removal at BWI (1018)	907	Underway
9	Bridge Inspection (SHA Consultant) (1023)	162	Underway
10	Comprehensive A/E Design - AE 95-004 (1042)	705	Underway
11	Comprehensive A/E Design - AE95-001 (1041)	744	Underway
12	Comprehensive A/E Design - AE96-005 (1044)	593	Underway
13	Comprehensive Planning - AE98-004 (1052)	1,109	Underway
14	Comprehensive Planning Services - AE98-003 (1051)	1,060	Underway
15	Terminal Wall Panel and Railing Replacement (1059)	204	Underway
16	BWI Terminal Wall Covering Replacement (1026)	545	Underway
17	Comprehensive Construction Mgmt & Inspection -AE98-006 (1048)	2,200	Underway
18	Comprehensive Design - AE 99-007 (1056)	115	Underway
19	Comprehensive Design - AE 99-008 (1057)	50	Underway
20	Comprehensive Design - AE99-006 (1055)	175	Underway
21	Comprehensive Design Services- AE99-005 (1054)	800	Underway
22	Comprehensive Environmental Consultant Services (1071)	1,083	Underway
23	Comprehensive Paving Improvements (1112)	3,788	Underway
24	Comprehensive Planning - FY2000 (1067)	3,000	Underway
25	HVAC Variable Air Volume Study (1020)	75	Underway
26	Landside Structures Program Management (1115)	7,060	Underway
27	Reforestation/Vegetation Mitigation (1063)	300	Underway
28	Terminal Building Drawings on AUTOCADD (1032)	250	Underway

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND AVIATION ADMINISTRATION - LINE 25 (cont'd)

	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2001 and Prior (cont'd)</u></b>		
	<b><u>Baltimore/Washington (cont'd)</u></b>		
29	Terminal Electrical Upgrades/Modifications (1061)	658	Underway
30	Airfield Electrical Vault - Equipment Replacement (1078)	1,422	Underway
31	Airfield Pavement Rehab.- FY2000 (1070)	9,043	Underway
32	Comprehensive Acoustical Services (1038)	100	Underway
33	Comprehensive Commercial Facilities Planning (1085)	1,000	Underway
34	Domestic Water Valve Replacement (1029)	544	Underway
35	Elevator Rehab. Program (1152)	270	Underway
36	MAA Office Relocation/Fitout (1233)	311	Underway
37	Maintenance Complex Rehab (1086)	870	Underway
38	Rail Lift System for Existing Sewage Ejector Pumps (1027)	238	Underway
39	Replacement/Upgrade of Term. Bldg. Electric Rms., Phase II (1141)	1,281	Underway
40	Substation Quick Connects (11) (1074)	1,187	Underway
41	800 mHz Radio System, Phase I (1154)	275	Spring, 2001
42	Building Maintenance Office Renovations (1075)	1,625	Spring, 2001
43	BWI Sewage System Upgrade (1025)	1,537	Spring, 2001
44	CUTE for International Terminal Buildout (1244)	2,500	Spring, 2001
45	Domestic Baggage Belt - Fire Code Compliance (1073)	370	Spring, 2001
46	Environmental Upgrade-BWI Tenant Vehicle Maint. (1144)	1,255	Spring, 2001
47	Loading Bridge Replacement (8) (1030)	1,920	Spring, 2001
48	MAC Building Renovations (1161)	780	Spring, 2001
49	Main Terminal HVAC Systems Upgrade, Phase I (1076)	780	Spring, 2001
50	New Tenant Modifications (1157)	470	Spring, 2001
51	New Tenant Office Space-N. Terminal UL (1159)	1,118	Spring, 2001
52	Overhead Door Replacement - 15 Doors (1151)	205	Spring, 2001
53	Rehab. Domestic Space Frame (1068)	555	Spring, 2001
54	Sawmill Creek Watershed Enhancements (1087)	150	Spring, 2001
55	Stainless Steel Column Covers (1080)	430	Spring, 2001
56	Terminal Concourse Glass Renovation (1036)	1,097	Spring, 2001

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND AVIATION ADMINISTRATION - LINE 25 (cont'd)

	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2001 and Prior (cont'd)</u></b>		
	<b><u>Baltimore/Washington (cont'd)</u></b>		
57	Third Floor Office Renovations (1155)	520	Spring, 2001
58	Ticketing Concourse Roof Replacement (1079)	3,460	Spring, 2001
	<b><u>Equipment</u></b>		
59	Parking Revenue Control Equipment at BWI (1095)	2,000	Complete
60	Interactive Voice Response (IVR) Recording System (1100)	297	Complete
61	Cardiac Defibrillators (1172)	214	Complete
62	MAA Airplane Replacement (1104)	336	Complete
63	Purchase Heavy Rescue Support Vehicle (1102)	205	Complete
64	New Ambulance (1165)	138	Complete
65	Emergency Radio Equipment for Fire/Rescue (1096)	210	Underway
66	Emergency Phone Upgrade in Satellite Parking Lot (1167)	125	Underway
67	New Fire Engine Pumper (1166)	350	Underway
68	New Scrubber/Sweeper Vehicle (1171)	100	Underway
69	BWI Communication Closet Security Modification (1103)	252	Spring, 2001
70	Escalator Replacement Program (1097)	760	Spring, 2001
71	Snow Vehicle Replacement - Carrier w/Snowblower (2) (1170)	660	Spring, 2001
72	Snow Vehicle Replacement - Dump Truck (1169)	211	Spring, 2001
	<b><u>Martin State</u></b>		
73	MTN - Environmental Protection Improvements (1088)	590	Underway
74	Part 150 Study for MTN Airport (1094)	100	Underway
75	Replacement T-Hangars for MTN (20) (1093)	325	Underway
76	Aircraft Deicing Equipment for MTN (1163)	123	Underway
77	Purchase of 30 Replacement T-Hangar, Phase II (1164)	625	Underway
78	Rehab. of Fire Sprinkler & Heating System - LL #1-3 (1091)	1,020	Spring, 2001

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND AVIATION ADMINISTRATION - LINE 25 (cont'd)

	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2001 and Prior (cont'd)</u></b>		
	<b><u>Regional Aviation</u></b>		
79	St. Mary's County Airport (1108)	3,152	Complete
80	Salisbury - Wicomico County Airport Grant (1109)	350	Complete
81	Cumberland Municipal Airport Loan (1110)	1,693	Complete
82	Aid to Public/Private Airports (MAPA-50%) (1106)	548	Underway
83	Cambridge/Dorchester County Airport Grant (1234)	997	Underway
84	Kent County Assistance (1229)	1,464	Underway
85	Regional Aviation Program (1107)	299	Underway
86	Statewide Aviation Grants (AIP-5%) (1105)	587	Underway
87	Pavement Management Analysis for Regional Airports (1236)	331	Spring, 2001
88	State Public/Private Heliport-Vertiport System Plan Study (1235)	250	Spring, 2001
	<b><u>FY 2002</u></b>		
	<b><u>Baltimore/Washington</u></b>		
89	Environmental Consultant (1156)	1,000	Summer, 2001
90	Exit Sign Replacement (1150)	700	Summer, 2001
91	Maintenance Complex Rehab (1086)	3,199	Summer, 2001
92	North Terminal Baggage Make-Up Imp., Phase I (1158)	1,835	Summer, 2001
93	Pilot Program for Excess Wiring Removal in Term. Bldg. (1187)	114	Summer, 2001
94	Relocation of Air Cargo Substation Transformer (1082)	375	Summer, 2001
95	Replacement of Eleven Loading Bridges (1175)	2,500	Summer, 2001
96	Replacement of Seven Escalators (1176)	2,520	Summer, 2001
97	Surface Movement Guidance and Control Sys. (SMGCS) (1148)	2,700	Summer, 2001
98	Wildlife Mitigation (1181)	150	Summer, 2001
99	Airfield Lighting Imp. to R/W 10-28 (1177)	1,200	Spring, 2002
100	Comp. Acoustical Services (1184)	200	Spring, 2002
101	Environment Consultant -FY02-03 (1183)	1,000	Spring, 2002

# **SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

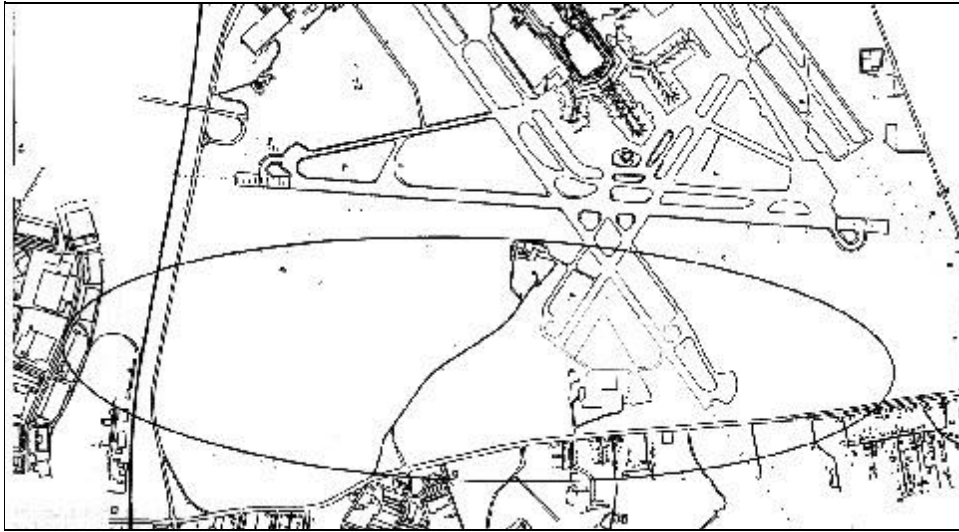
## **MARYLAND AVIATION ADMINISTRATION - LINE 25 (cont'd)**

	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2002 (cont'd)</u></b>		
	<b><u>Baltimore/Washington (cont'd)</u></b>		
102	FY2002 Tenant Modifications (1179)	500	Spring, 2002
103	Garage Entrance Canopy (1192)	360	Spring, 2002
104	Install Domestic Water Strainers on Incoming Water Supp (1190)	300	Spring, 2002
105	Installation of Cable/Conduit for Airfield Lighting (1180)	220	Spring, 2002
106	Lighting Cable Replacement in Satellite Blue Lot (1189)	190	Spring, 2002
107	Main Terminal Air Handling Upgrade (1188)	623	Spring, 2002
108	Planning A/E (1186)	1,000	Spring, 2002
109	Renovate Friendship Centre (1193)	190	Spring, 2002
110	Replace Three Elevators (1191)	1,044	Spring, 2002
111	Replace/Upgrade Existing Electrical Substation A & B (1174)	1,740	Spring, 2002
	<b><u>Equipment</u></b>		
112	Additional Airfield Paint Truck (1206)	150	Summer, 2001
113	New 10cy Capacity Front-end Loader w/ 32' Plow (1202)	309	Summer, 2001
114	New 4,000 Gallon De-icer Truck w/ Broom (1201)	213	Summer, 2001
115	New 4x4 Dump Truck w/ 22' Plow (1) (1203)	214	Summer, 2001
116	New Aerial Platform Ladder Truck (1207)	580	Summer, 2001
117	New Ambulance Vehicle (1205)	138	Summer, 2001
118	One Additional Snowblower (1204)	313	Summer, 2001
119	Snow Equipment Replacement - R/W Broom (1199)	276	Summer, 2001
120	Snow Equipment Replacement- Snowblower (1200)	313	Summer, 2001
	<b><u>Martin State</u></b>		
121	Comprehensive Paving Phase II @ MTN (1092)	476	Summer, 2001
122	Martin Hangar Expansion (1237)	120	Summer, 2001
123	Direct Digital HVAC Control at MTN (1197)	394	Spring, 2002

# **SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

## **MARYLAND AVIATION ADMINISTRATION - LINE 25 (cont'd)**

	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2002 (cont'd)</u></b>		
	<b><u>Martin State (cont'd)</u></b>		
124	Electr. Renovation to Hangar Doors 1-6 @ MTN (1195)	146	Spring, 2002
125	MTN Ramp Extension (1194)	262	Spring, 2002
126	New T-Hangar Ramp Extension at MTN (1196)	1,044	Spring, 2002
127	Purchase New T-Hangars (20) (1198)	500	Spring, 2002
	<b><u>Regional Aviation</u></b>		
128	Aid to Public/Private Airports (MAPA-50%) (1106)	730	Summer, 2001
129	Regional Aviation Program (1107)	235	Summer, 2001
130	Statewide Aviation Grants (AIP-5%) (1105)	783	Summer, 2001



**STATUS:** Environmental inventories completed in FY 1996. MAA and FAA are conducting a study of the airport capacity and future traffic requirements for the new parallel runway to establish the time frame for environmental studies and development.

**PROJECT:** BWI Environmental Analysis- South Airport Land Use Plan

**DESCRIPTION:** Study of environmental impacts for the development of projects that include a parallel air carrier runway, air cargo development, an aircraft maintenance hangar, and associated infrastructure, south of existing Runway 10/28.

**JUSTIFICATION:** These projects were recommended as part of the BWI Airport Master Plan in order to accommodate increased demand for air services. This project will contribute to the State's economic and business development as well as identify areas to enhance the environment of neighboring communities.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

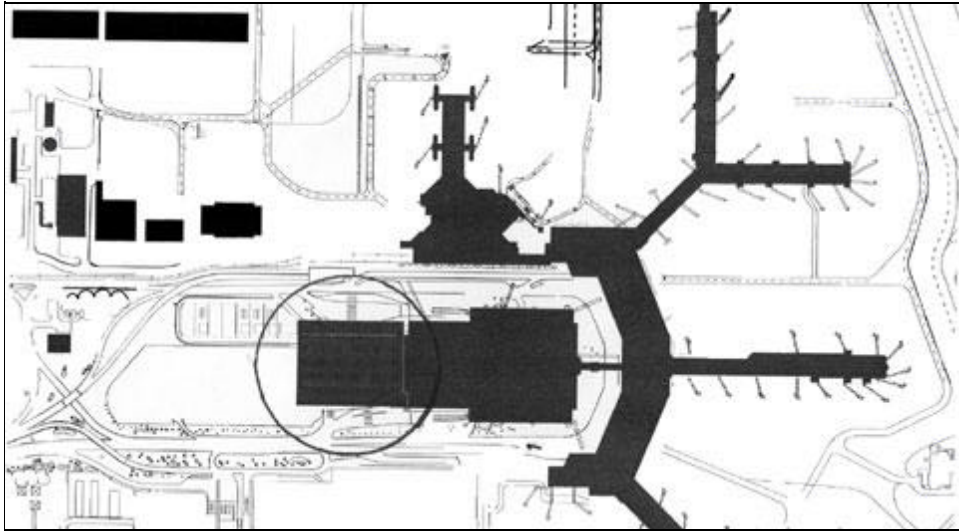
None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	1,712	363	68	641	640	0	0	0	1,349	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,712	363	68	641	640	0	0	0	1,349	0
Federal-Aid	904	0	0	452	452	0	0	0	904	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
PP	2001	AIP	904





**STATUS:** Design to start in FY 2002.

**PROJECT:** Terminal Parking Garage Expansion, Phase II, at BWI Airport

**DESCRIPTION:** This project provides for the design of a 3,000 space extension to the existing 5,600 space parking garage located in front of the main terminal building.

**JUSTIFICATION:** Public parking demand is projected to increase 60% by 2010. Provision of adequate close-in parking adjacent to the terminal is critical for meeting business and other traveler's needs. This project contributes to the State's economic and business development.

**SMART GROWTH STATUS**

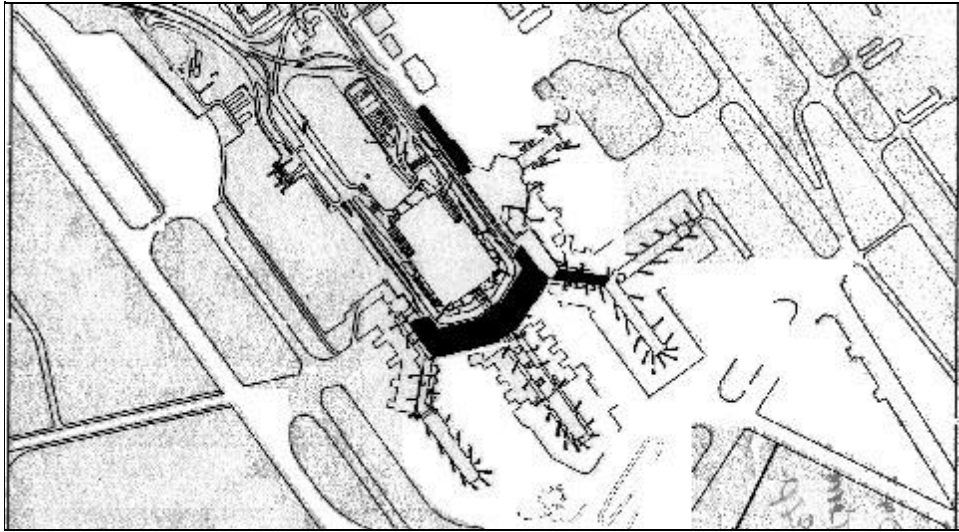
- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

New Elm Road Parking Structure and Surface Lot at BWI

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Added to the Development & Evaluation Program.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,300	0	0	771	2,529	0	0	0	3,300	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	3,300	0	0	771	2,529	0	0	0	3,300	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Project planning to start in FY 2001.

**PROJECT:** Terminal Building Expansion at BWI Airport

**DESCRIPTION:** This analysis will identify various expansion alternatives for the existing terminal building and address the feasibility and/or cost of each alternative, including potential impacts on public parking or other airport facilities and/or services. Areas to be evaluated include expansion of the utility concourse, and the rear of the central terminal.

**JUSTIFICATION:** BWI has experienced significant growth over the past few years with passenger levels projected to increase by 50% by 2010. Undertaking planning and preliminary design at this time will provide MAA with the necessary expansion options to be responsive to passenger, airline and air service needs.

**SMART GROWTH STATUS**

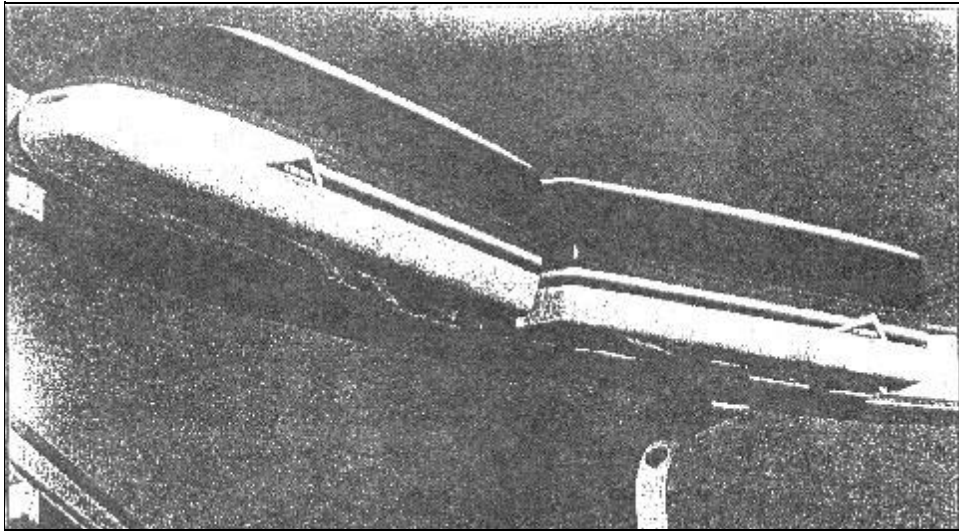
- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Cost increased \$5.0 million due to inclusion of Concourse E ticket counter design.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	14,200	154	3,340	7,558	2,246	902	0	0	14,046	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	14,200	154	3,340	7,558	2,246	902	0	0	14,046	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Conceptual design to begin in FY 2002.

**PROJECT:** People Mover System, Phase I at BWI Airport

**DESCRIPTION:** The project involves environmental studies and conceptual design for a people mover system at BWI. The proposed Phase I system includes an alignment from the terminal building to the BWI Rail Station including intermediate connections to the parking facilities along Elm Road. The analysis and design will include station sites, pedestrian and shuttle bus access, and a system maintenance facility.

**JUSTIFICATION:** The proposed people mover system will provide the necessary additional capacity to address the projected increase in passenger levels and resultant traffic congestion on the terminal roadway system at BWI. A people mover system will allow for better access and traffic management of the multiple modes of transportation serving the airport; private vehicles, shuttle buses, and commercial vehicles. The system will also improve air quality and contribute to the State's economic and business development.

**SMART GROWTH STATUS**

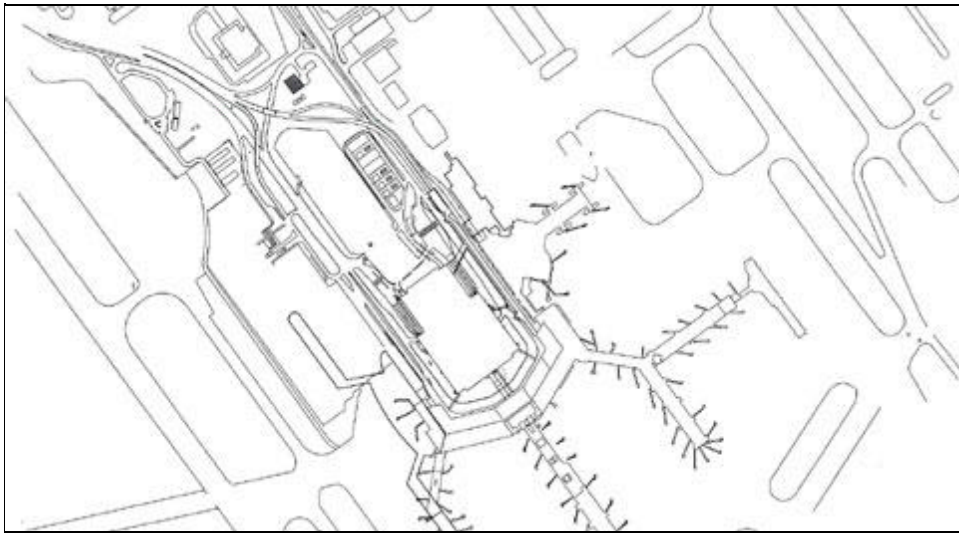
- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Added to the Development & Evaluation Program.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	2,000	0	0	1,566	434	0	0	0	2,000	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,000	0	0	1,566	434	0	0	0	2,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Design to start in FY 2001.

**PROJECT:** New Terminal Area Fire Station at BWI Airport

**DESCRIPTION:** This project involves the planning and design for a second, limited function, fire station to be located in the terminal area. Work will include final site selection and design of the station facility with four bays and crew quarters.

**JUSTIFICATION:** The continuing increase in terminal related responses by the BWI Fire Rescue Department (FRD) necessitates the location of a station in the immediate vicinity of the terminal to improve response times. This facility would have a limited number of equipment and personnel and would compliment the existing, main FRD facility located adjacent to the main jet runways.

**SMART GROWTH STATUS**

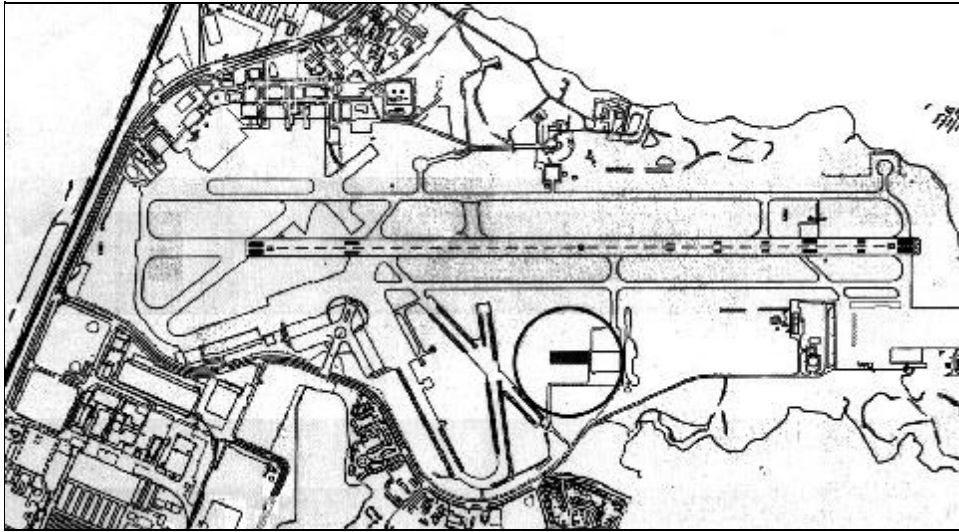
- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA  
☐ Grandfathered  
☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** Added to the Development & Evaluation Program.

POTENTIAL FUNDING SOURCE:											
TOTAL											
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2003....	....2004....	....2005....	....2006....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	300	0	0	300	0	0	0	0	300	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	300	0	0	300	0	0	0	0	300	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



**STATUS:** Design to begin in FY 2001.

**PROJECT:** New Air Traffic Control Tower For MTN State Airport

**DESCRIPTION:** This project provides for the preliminary design of a new Air Traffic Control Tower to be located in the midfield complex at Martin State Airport.

**JUSTIFICATION:** A new control tower would provide for greater visibility and more efficient aircraft control in and around Martin State Airport. The existing control tower is over 50 years old, and has exceeded its useful life.

**SMART GROWTH STATUS**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA  
☐ Grandfathered  
☐ Project Outside PFA; Subject to Exception  
☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Martin Midfield Complex, Phase I

**SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP:** None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
Planning	350	0	350	0	0	0	0	0	350	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	350	0	350	0	0	0	0	0	350	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	